

ABSTRACT OF THE DISCLOSURE

The present invention provides a one-chip microcomputer that can realize the control of cooling equipment, the control of the brightness of a display device, and the control of the charge and discharge of a battery without mounting an analog circuit. The one-chip microcomputer is used in a notebook-size personal computer, and comprises: a CPU that performs operation processing; a CPG that generates a clock signal; a flash memory that stores a control program; a RAM that stores data; an 8-bit timer that controls fans; and a 14-bit timer that controls an LCD brightness controller of an LCD and a voltage charger of batteries. The one-chip microcomputer controls the fans by the 8-bit timer without mounting the analog circuit and can adjust the LCD brightness by the 14-bit timer.